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P4 INDOOR SPECIFICATION

Module		
1	Pixel pitch	4mm
2	Pixel Density	62500 dots/m²
3	Pixel configuration	1R1G1B
4	LED type	SMD2020
5	Module size	W320 *H160mm
6	Module weight	335g±5g
7	Module resolution	W80*H40dots
8	Module QTY/ m²	19.53 pcs/ m²
9	Min. Viewing Distance	≥4m
10	Brightness	≥500cd/m²
11	Viewing Angle	H:170°±5° V:170°±5°
12	Driving Mode	1/20 scan
13	Interface	HUB75
14	Input voltage	4.5V-5V
15	Max. Power Consumption	26 w Per piece
16	Min. Power Consumption	13 w Per piece
17	Signal Processing Depth	65536
18	Vedio frame rate	60 frames/s
19	Refresh Rate	≥3840Hz
20	Defective Dots Rate	＜0.0001 (LED industry standard: ≤ 0.0003)
21	Decay Rate(Operate 3 years)	≤15%
22	Brightness Conformity	≥98.5%
23	Colors	281 trillion
24	MTBF	≥10000 hours
25	Lifespan	≥100000 hours
26	Protective function	Over-heat/Over-load /Power-down /Power-leakage /Lightning-protection etc.
27	Operating Temperature	-20°C~+40°C
28	Operating Humidity	10-60% no condensation
29	Storage Temperature	-20℃～+60℃
30	Storage Humidity	10-60% no condensation
Control system parameter		
1	Color temperature	Adjustable by software.
2	Brightness level	256 levels, automatic or manual adjustment.
3	Control way	Computer, real-time, off-line, wireless, internet etc.
4	PC Operation	Windows(XP、Vista)、Win7/Win8. Win10
5	Video Signal	VGA/ DVI/ RF/ S-VIDEO/ RGBHV/ YUV/ YC/ COMPOSITION and so on
6	Communication Distance	Cat5 UTP 100 meters, Multimode optical fiber 500 meters, single 15 km.
Note: The specification may subject to change without prior notice.		
2025		


